FORT STEVENS STATE PARK PARK FACILITIES CLATSOP COUNTY					SHEET No. 1
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR		TOTAL SHEETS
8	OREGON				See Index

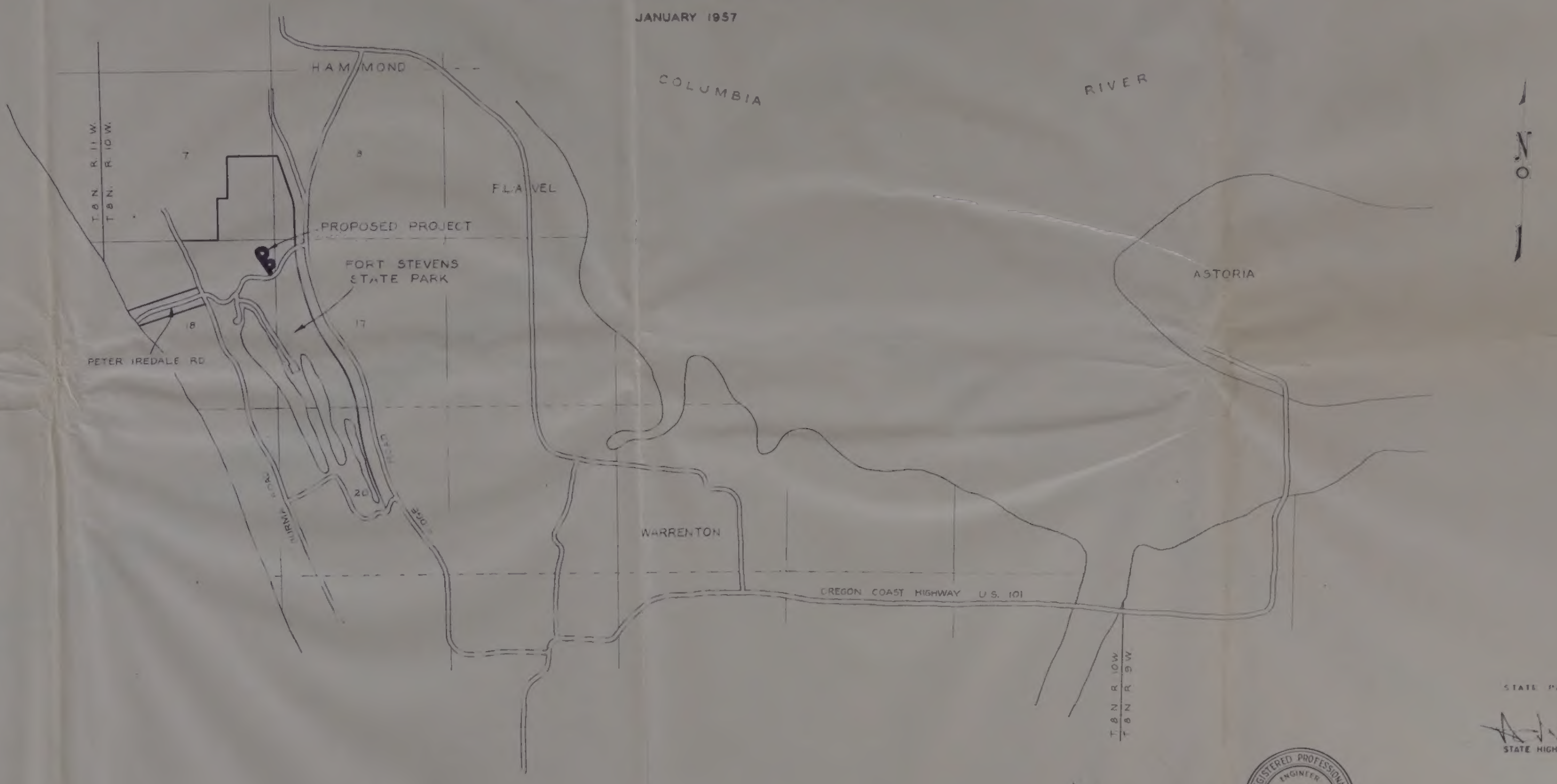
approved
Jan 21, 1957
BRW

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE
2	PLAN
3	MISCELLANEOUS CAMPSITE FACILITIES
4-5-6	STANDARD UTILITY BUILDING
7-8	STANDARD LATRINE
9	STD. SEPTIC TANK & DISPOSAL TRENCH
10	STD. PICNIC TABLE & CAMP STOVE

STATE OF OREGON
STATE HIGHWAY DEPARTMENT
PLANS FOR PROPOSED PROJECT
FORT STEVENS STATE PARK
PARK FACILITIES
CLATSOP COUNTY

JANUARY 1957



Sketch Map

SCALE 5 MILES

CONVENTIONAL SIGNS

- State Line
- County Line
- City or Town Limits
- Township Line
- Section Line
- Donation Land Claim Line
- Fence Line
- Guard Rail
- Unfenced Property or Right of Way Line
- Existing Roads
- Trails
- Base or Survey Line
- Railroads
- Retaining Wall
- Culverts
- Drop Inlet
- Trolley Pole
- Power Pole
- Telephone or Telegraph Poles
- Marsh
- Irrigation Ditches
- Bridges
- Trees

STATE PARKS SUPT

STATE HIGHWAY ENGINEER

157
NOV. 8, 1919
R. H. BALDOCK

STATE HIGHWAY COMMISSION

Ben R. Chandler,	Chairman
Chas. H. Reynolds,	Commissioner
M. K. McIver,	Commissioner

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

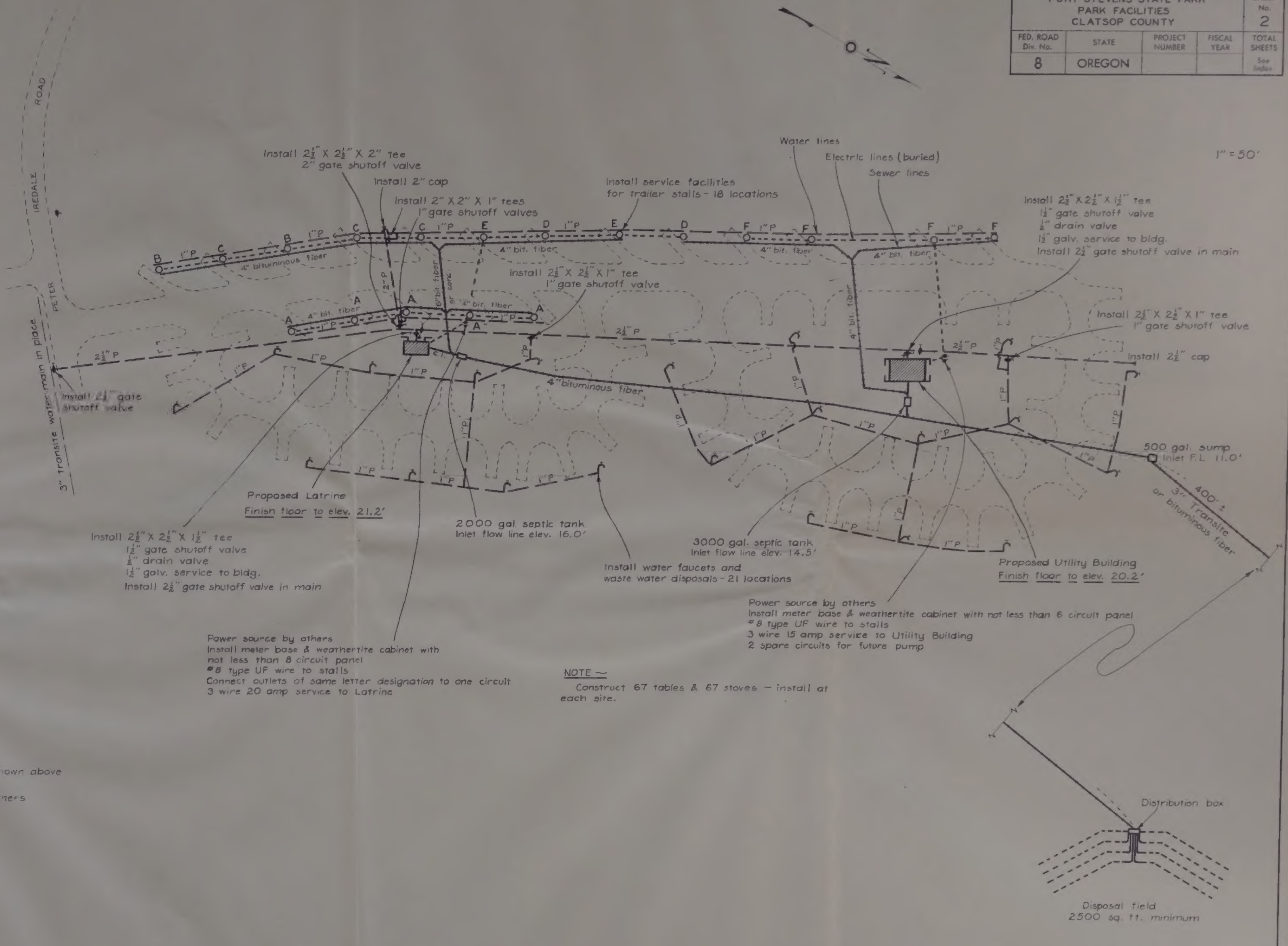
RECOMMENDED FOR APPROVAL:

DISTRICT ENGINEER DATE

APPROVED:

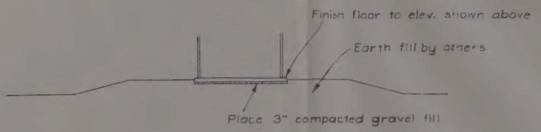
DIVISION ENGINEER DATE

<table>
<tr><td colspan="4">FORT STEVENS STATE PARK
PARK FACILITIES
CLATSOP COUNTY</td><td>SHEET No.
2</td></tr>
<tr><td>FED. ROAD Div. No.</td><td>STATE</td><td>PROJECT NUMBER</td><td>FISCAL YEAR</td><td>TOTAL SHEETS</td></tr>
<tr><td>8</td><td>OREGON</td><td></td><td></td><td>See Index</td></tr>
</table>

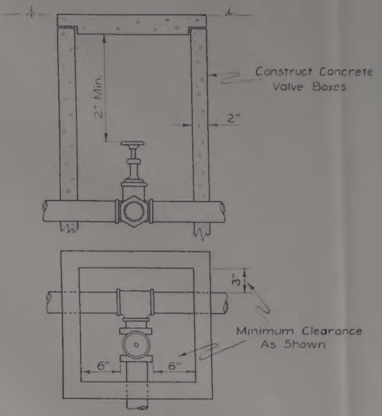

N
1" = 50'
IREDALE
ROAD
PETER
3" transite water main in place
Install 2½" gate shutoff valve
Install 2½" X 2½" X 2" tee
2" gate shutoff valve
Install 2" cap
Install 2" X 2" X 1" tees
1" gate shutoff valves
Install service facilities
for trailer stalls - 18 locations
Water lines
Electric lines (buried)
Sewer lines
Install 2½" X 2½" X 1½" tee
1½" gate shutoff valve
½" drain valve
1½" galv. service to bldg.
Install 2½" gate shutoff valve in main
Install 2½" X 2½" X 1" tee
1" gate shutoff valve
Install 2½" X 2½" X 1" tee
1" gate shutoff valve
Install 2½" cap
A
B
C
D
E
F
1"P
2"P
2½"P
4" bituminous fiber
4" bit. fiber
6" bit. fiber or conc.
4"bituminous fiber
C.I.
500 gal. sump
Inlet F.L. 11.0'
400' ±
3" Transite or bituminous fiber
Proposed Latrine
Finish floor to elev. 21.2'
Install 2½" X 2½" X 1½" tee
1½" gate shutoff valve
½" drain valve
1½" galv. service to bldg.
Install 2½" gate shutoff valve in main
2000 gal septic tank
Inlet flow line elev. 16.0'
Install water faucets and
waste water disposals - 21 locations
3000 gal. septic tank
Inlet flow line elev. 14.5'
Proposed Utility Building
Finish floor to elev. 20.2'
Power source by others
Install meter base & weathertite cabinet with
not less than 8 circuit panel
#8 type UF wire to stalls
Connect outlets of same letter designation to one circuit
3 wire 20 amp service to Latrine
Power source by others
Install meter base & weathertite cabinet with not less than 6 circuit panel
#8 type UF wire to stalls
3 wire 15 amp service to Utility Building
2 spare circuits for future pump
Distribution box
Disposal field
2500 sq. ft. minimum

NOTE ~

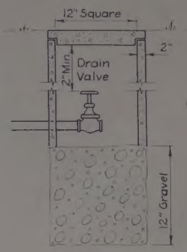
Construct 67 tables & 67 stoves — install at each site.


Finish floor to elev. shown above
Earth fill by others
Place 3" compacted gravel fill

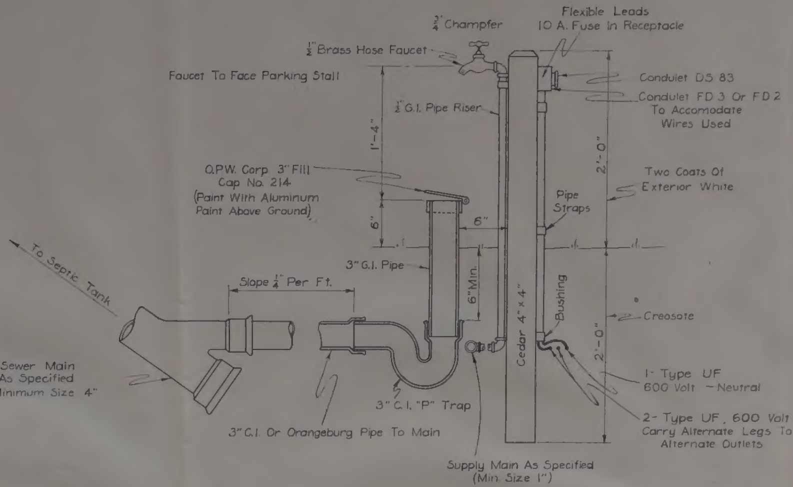
TYPICAL SECTION OF BUILDING SITES



TYPICAL
VALVE BOX CONSTRUCTION



DRAIN DETAIL


$\frac{3}{4}$" Champfer
Flexible Leads
10 A. Fuse In Receptacle
$\frac{1}{2}$" Brass Hose Faucet
Faucet To Face Parking Stall
Condulet DS 83
Condulet FD 3 Or FD 2 To Accomodate Wires Used
$\frac{1}{2}$" G.I. Pipe Riser
1'-4"
2'-0"
Two Coats Of Exterior White
Q.P.W. Corp 3" Fill Cap No. 214 (Paint With Aluminum Paint Above Ground)
Pipe Straps
6"
6"
To Septic Tank
3" G.I. Pipe
Slope $\frac{1}{4}$" Per Ft.
6" Min.
Cedar 4" x 4"
Bushing
Creosote
2'-0"
Sewer Main As Specified Minimum Size 4"
3" C.I. "P" Trap
1- Type UF 600 Volt ~Neutral
2- Type UF, 600 Volt Carry Alternate Legs To Alternate Outlets
3" C.I. Or Orangeburg Pipe To Main
Supply Main As Specified (Min. Size 1")

SERVICE FACILITIES
FOR TRAILER STALLS ONLY

Note

A vent shall be installed at the end of the disposal main opposite the septic tank. It shall be the same size as the main, 10 feet in height above the ground and supported by a tree or post in a manner satisfactory to the engineer. The vent may be placed on either side of the service facility and located so it will not interfere with the use for which the area is intended, but shall not be more than 20 feet from the end facility.

The vent may be either cast iron or orangeburg.

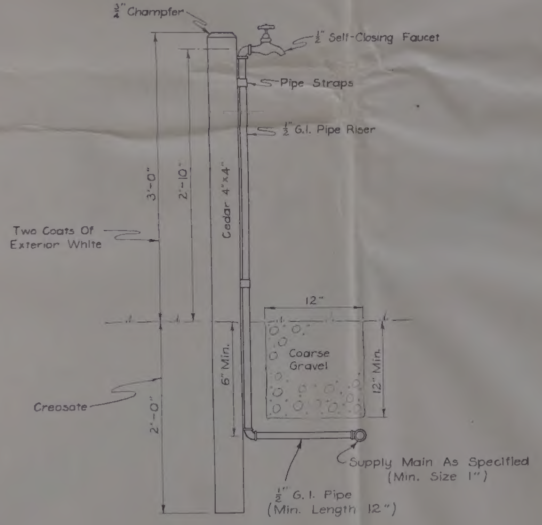
Cleanouts shall be in the main at the end and at each bend or change of direction but in no case shall the cleanouts be more than 100 feet apart.

Waste disposal line to septic tank shall be lower than the bottom of "P" traps.

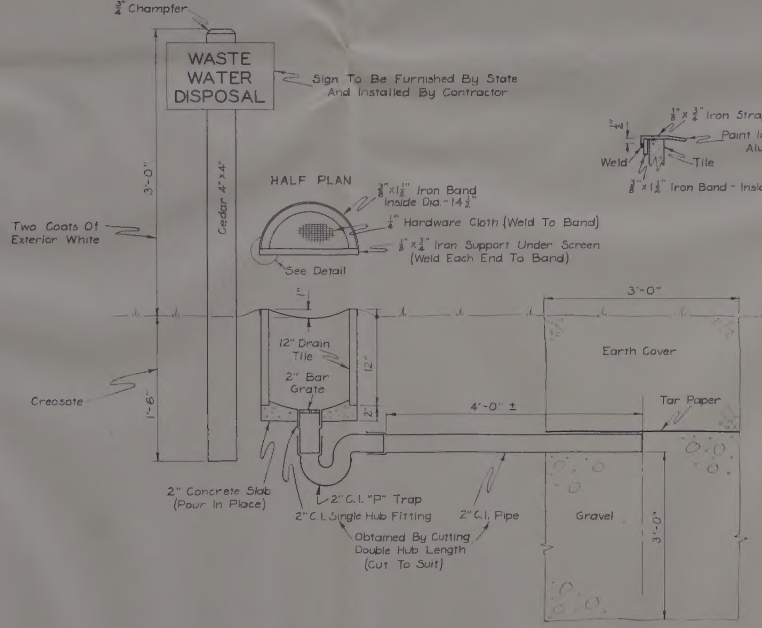
Shutoff and drain valve boxes may be precast concrete or concrete tile with concrete cover when constructed in a manner satisfactory to the engineer.

All water pipe shall be laid on as uniform a grade as is practicable and shall have not less than 6 inches of covering, except under roadbeds or stalls, where pipes shall be continuous without joints, and shall have not less than 12 inches of covering.

Drain valves shall be installed at all low spots so that the entire system may be drained.


$\frac{3}{4}$" Champfer
$\frac{1}{2}$" Self-Closing Faucet
Pipe Straps
$\frac{1}{2}$" G.I. Pipe Riser
3'-0"
2'-10"
Cedar 4" x 4"
Two Coats Of Exterior White
12"
Coarse Gravel
6" Min.
12" Min.
Creosote
2'-0"
Supply Main As Specified (Min. Size 1")
$\frac{1}{2}$" G.I. Pipe (Min. Length 12")

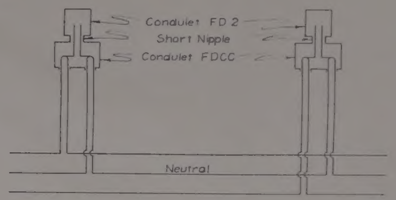
WATER FAUCET


$\frac{3}{4}$" Champfer
WASTE WATER DISPOSAL
Sign To Be Furnished By State And Installed By Contractor
$\frac{1}{8}$" x $\frac{3}{4}$" Iron Strap
Paint Iron Parts With Aluminum Paint
Weld
Tile
$\frac{3}{8}$" x 1$\frac{1}{2}$" Iron Band - Inside Diameter 14$\frac{1}{2}$"
3'-0"
Cedar 4" x 4"
HALF PLAN
$\frac{3}{8}$" x 1$\frac{1}{2}$" Iron Band Inside Dia. - 14$\frac{1}{2}$"
$\frac{1}{4}$" Hardware Cloth (Weld To Band)
$\frac{1}{8}$" x $\frac{3}{4}$" Iron Support Under Screen (Weld Each End To Band)
Two Coats Of Exterior White
See Detail
3'-0"
12" Drain Tile
2" Bar Grate
12"
Earth Cover
Creosote
1'-6"
4'-0" ±
Tar Paper
2"
2" Concrete Slab (Pour In Place)
2" C.I. "P" Trap
2" C.I. Single Hub Fitting
2" C.I. Pipe
Obtained By Cutting Double Hub Length (Cut To Suit)
Gravel
3'-0"

NOTE ~

12" Drain Tile —
Concrete With 1" Wall Thickness
Inside Dia. - 12"
Outside Dia - 14"

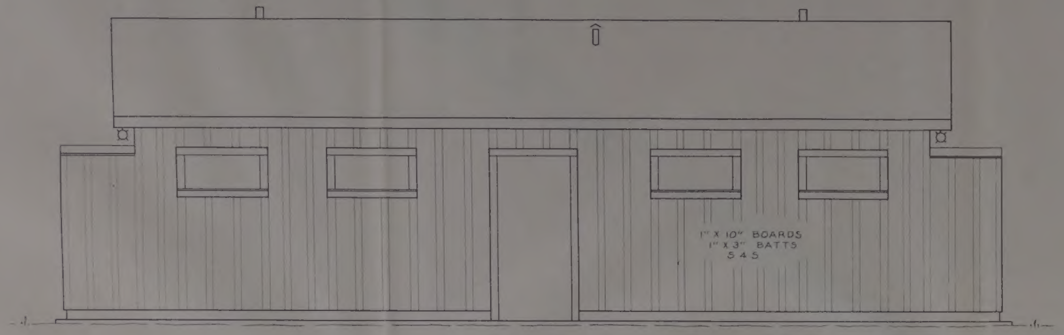
WASTE WATER DISPOSAL



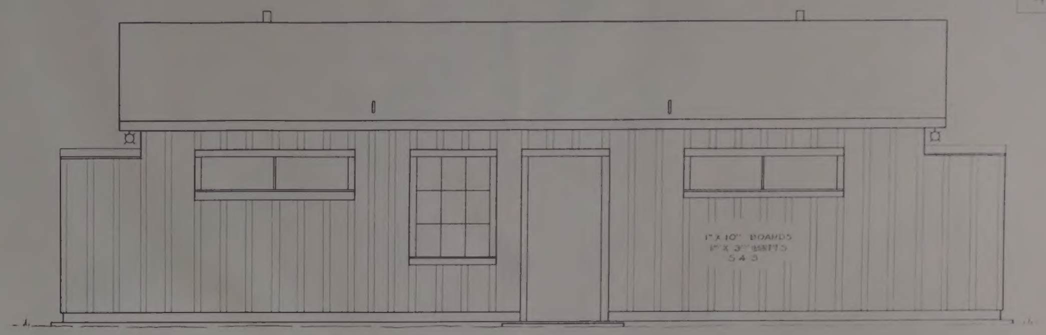
SCHEMATIC WIRING DIAGRAM
FOR TRAILER STALLS

OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

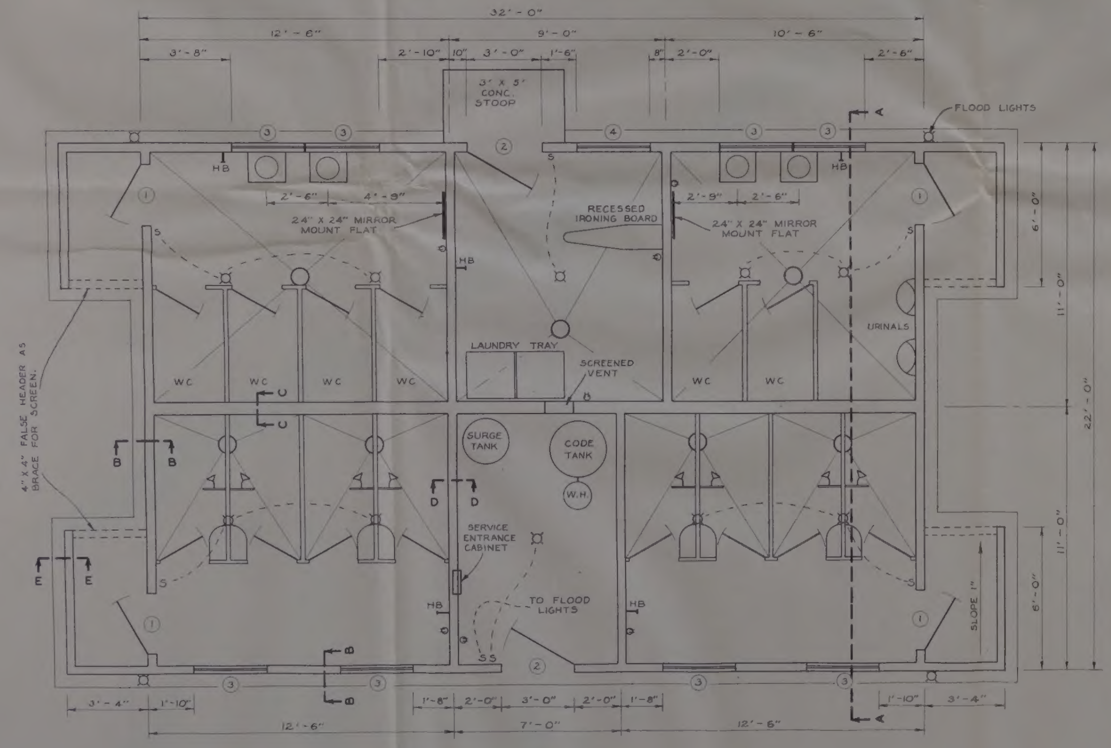
DRAWN BY: JB	MISCELLANEOUS CAMP SITE FACILITIES	SCALE: 1$\frac{1}{3}$" = 1'-0"
DESIGNED BY:		DATE: 11-15-54
APPROVED BY: CHA		REVISED:



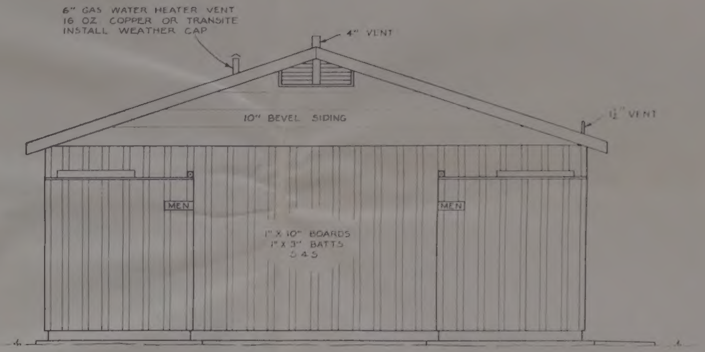
REAR ELEVATION
$\frac{3}{8}$" = 1' - 0"



FRONT ELEVATION
$\frac{3}{8}$" = 1' - 0"



PLAN
$\frac{3}{8}$" = 1' - 0"



END ELEVATION
$\frac{3}{8}$" = 1' - 0"

NOTE ~

ALL VENTS SHALL BE INSTALLED WITHIN WALLS AND OFFSET WHERE NECESSARY TO BYPASS WINDOWS.

INSTALL A SHUTOFF VALVE AND A $\frac{1}{2}$" DRAIN VALVE IN WATER SUPPLY LINE OUTSIDE OF BUILDING, SO THAT ENTIRE BUILDING MAY BE DRAINED.

DOORS & WINDOWS

① 2/6 X 6/8 X $1\frac{3}{4}$" FLUSH TYPE EXTERIOR NO. 731
3 4"X4" CORBIN BUTT HINGES

② 3/0 X 6/8 X $1\frac{3}{4}$" FLUSH TYPE EXTERIOR NO. 731
3 4"X4" CORBIN BUTT HINGES

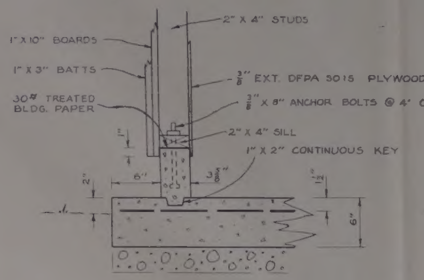
③ 3/0 X 1/4 FROSTED GLASS TRANSOM NO. 868
3 2"X2" CORBIN BUTT HINGES
TRANSOM CATCH & CHAIN

④ 3/0 X 4/0 9 LITE CLEAR NO. 922

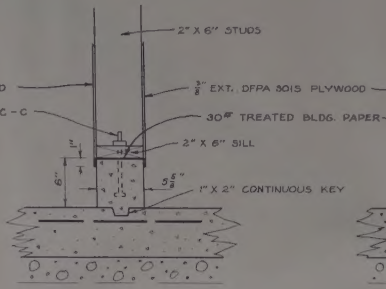
ALL DOORS SHALL BE SOLID CORE WITH WATERPROOF ADHESIVE

OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

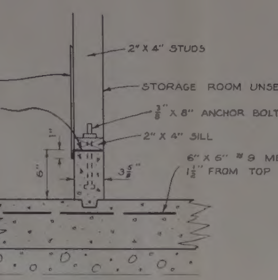
DRAWN BY: JB	STANDARD UTILITY BUILDING	SCALE: AS SHOWN
DESIGNED BY: JB		DATE: 12-12-56
APPROVED BY: CHA	SHEET 1 OF 3	



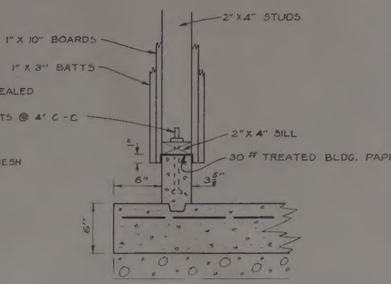
SECTION B-B
1 1/2" = 1'-0"



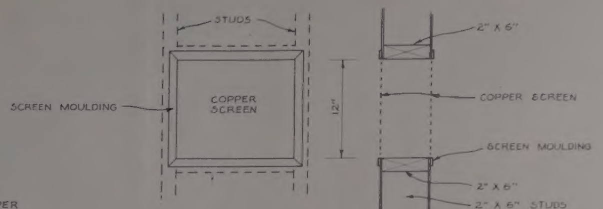
SECTION C-C
1 1/2" = 1'-0"



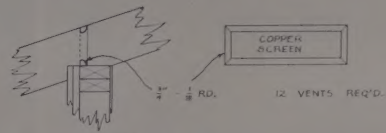
SECTION D-D
1 1/2" = 1'-0"



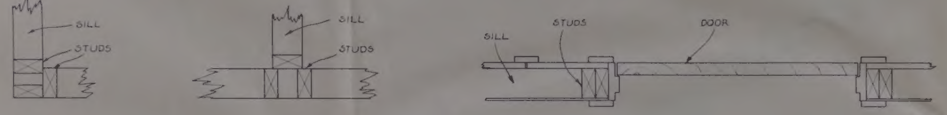
SECTION E-E
1 1/2" = 1'-0"



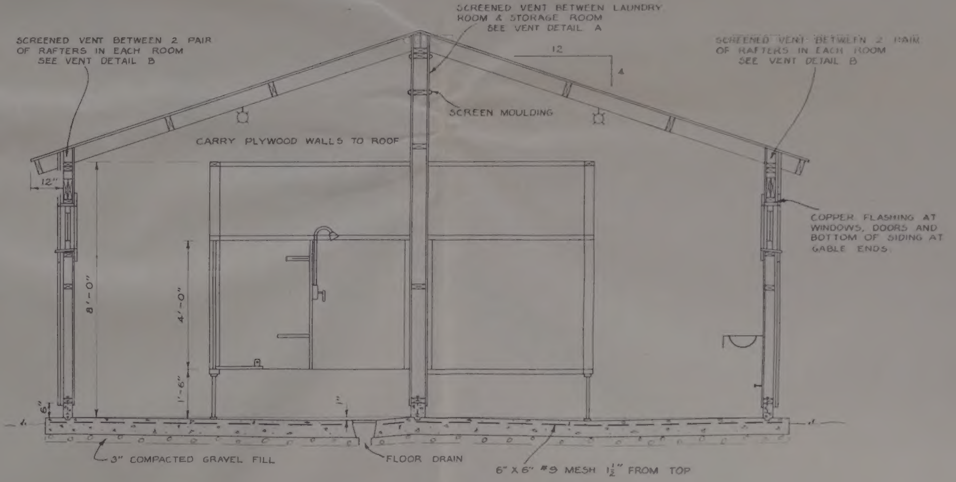
VENT DETAIL A
1 1/2" = 1'-0"



VENT DETAIL B
1 1/2" = 1'-0"



FRAMING DETAILS
1 1/2" = 1'-0"

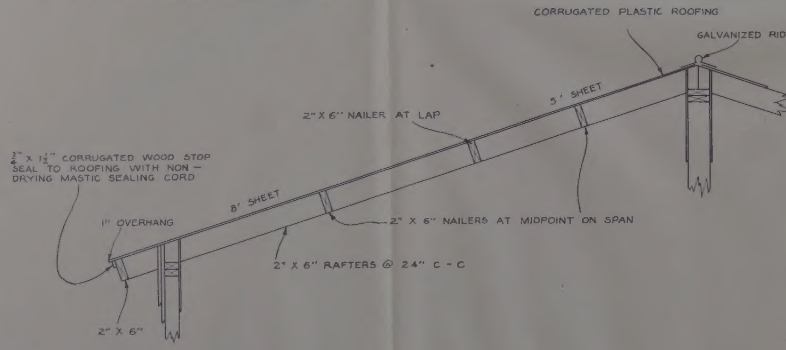

SCREENED VENT BETWEEN 2 PAIR OF RAFTERS IN EACH ROOM SEE VENT DETAIL B
SCREENED VENT BETWEEN LAUNDRY ROOM & STORAGE ROOM SEE VENT DETAIL A
12
4
SCREENED VENT BETWEEN 2 PAIR OF RAFTERS IN EACH ROOM SEE VENT DETAIL B
SCREEN MOULDING
CARRY PLYWOOD WALLS TO ROOF
12"
COPPER FLASHING AT WINDOWS, DOORS AND BOTTOM OF SIDING AT GABLE ENDS
8'-0"
4'-0"
1'-6"
6"
1"
3" COMPACTED GRAVEL FILL
FLOOR DRAIN
6" X 6" #9 MESH 1 1/2" FROM TOP

SECTION A-A
1/2" = 1'-0"

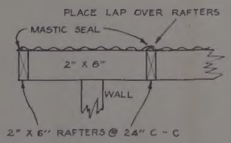
NOTE ~

ROOFING SHALL BE 26" WIDE CORRUGATED PLASTIC SHEETS, 1/16" THICK, 2 1/2" CORRUGATIONS, SMOOTH SURFACE, LAID WITH THE OPEN SIDE OF THE LAP AWAY FROM THE DIRECTION OF PREVAILING WINDS. COLOR SHALL BE LITE GREEN.

NAIL PANELS AT ALL POINTS OF BEARING ON NAILERS, FASCIA & RAFTERS AT 8" CENTERS WITH 1 3/4" SPIRAL ALUMINUM ROOFING NAILS WITH NEOPRENE WASHERS. ALL NAILS SHALL BE THROUGH DRILLED HOLES IN CROWN OF CORRUGATION. SEAL FULL LENGTH OF LAP WITH NON-DRYING MASTIC SEALING CORD.


CORRUGATED PLASTIC ROOFING
GALVANIZED RIDGE ROLL
5' SHEET
2" X 6" NAILER AT LAP
3/4" X 1 1/2" CORRUGATED WOOD STOP SEAL TO ROOFING WITH NON-DRYING MASTIC SEALING CORD
8' SHEET
1" OVERHANG
2" X 6" NAILERS AT MIDPOINT ON SPAN
2" X 6" RAFTERS @ 24" C-C
2" X 6"

ROOF DETAIL
3/4" = 1'-0"



RAKE
1" = 1'-0"

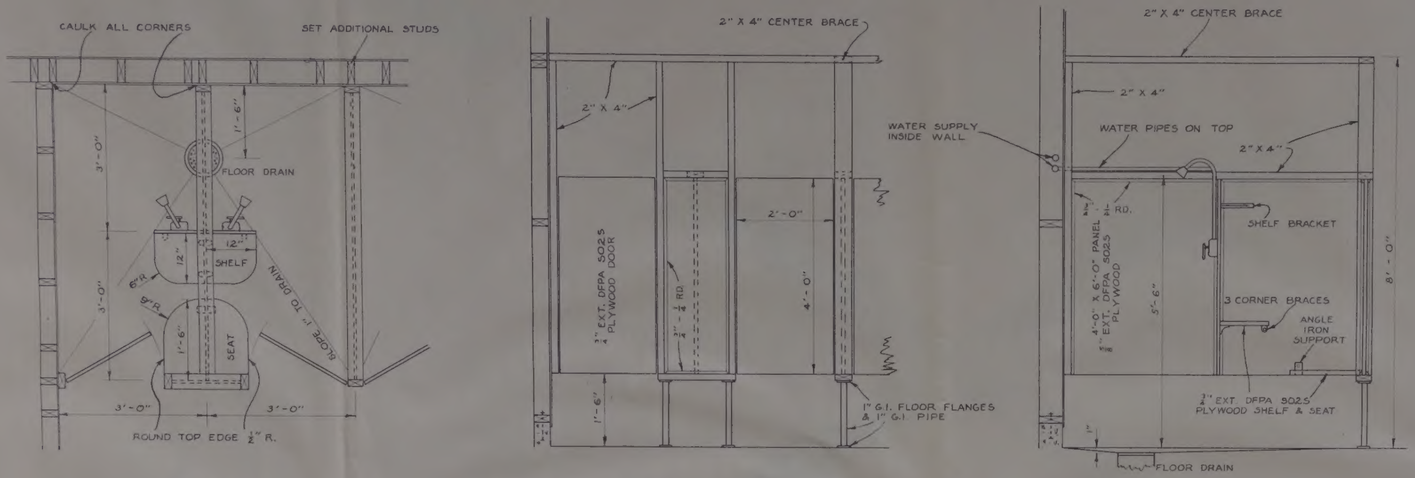
NOTE ~

ALL EDGES OF PLYWOOD, WHETHER BUTTED, COVERED OR EXPOSED, SHALL BE BEDDED IN A THICK WHITE LEAD AND OIL PASTE, KNIFED ON AS PANELS ARE INSTALLED.

ALL PLYWOOD WALL PANELS SHALL BE BACK-PRIMED BEFORE INSTALLATION.

OREGON STATE PARKS DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

DRAWN BY: JB	STANDARD UTILITY BUILDING	SCALE: AS SHOWN
DESIGNED BY: JB		DATE: 12-12-56
APPROVED BY: CHA	SHEET 2 OF 3	

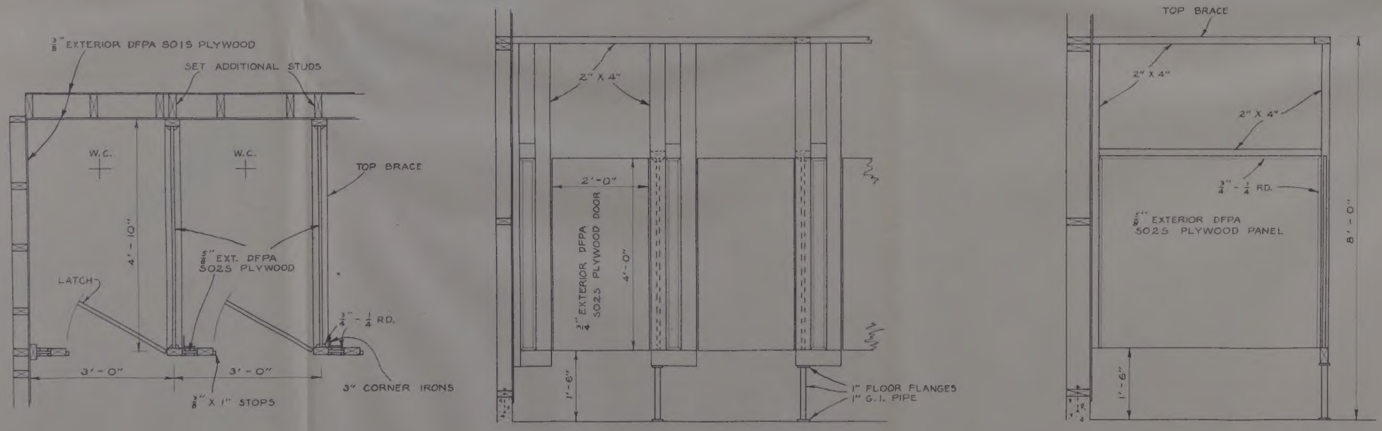


PLAN

ELEVATION

SIDE VIEW

SHOWER STALLS
¾" = 1'-0"



PLAN

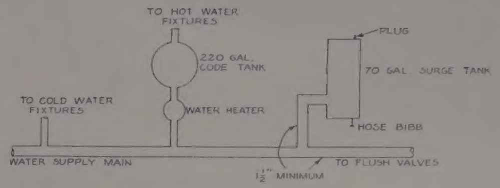
ELEVATION

SIDE VIEW

TOILET STALLS
¾" = 1'-0"

ALL FIXTURES AS SPECIFIED OR AN APPROVED EQUAL

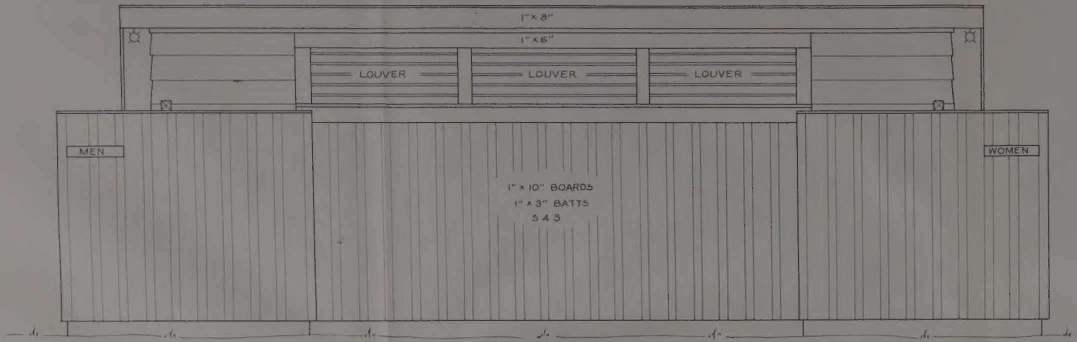
LAVATORIES - CRANE "YORKSHIRE" NO. 1-300 18" X 15"
MOEN NO. 23BSC-45 FAUCET
WATER CLOSETS - STANDARD "MADERA" NO. F 2223-8 WITH CHURCH
MOL-TEX WHITE OPEN-FRONT SEAT NO. 9500
URINALS - CRANE "SANITOR" NO. 7-40
FLUSH VALVES - SLOAN, WITH VACUUM BREAKER
FLOOR DRAINS - ZURN NO Z-511 3"
SHOWER FIXTURES - STANDARD NO. R 1271
PIPE - SEAMLESS COPPER TUBING, TYPE K, MEETING THE SPECIFICATIONS
OF THE A.S.T.M. B 88. FITTINGS SHALL BE AN APPROVED SOLDER
TYPE. ¾" MIN. SIZE & ½" RISERS. 1¼" MIN. HEADER TO FLUSH VALVES.
SUPPLY MAIN AS SPECIFIED - 1½" MIN.
SURGE TANK - 70 GAL "CODE" PNEUMATIC PRESSURE SURGE TANK
VENT FLASHING - SHALL INCLUDE VENT FLASHINGS WITH COUNTER FLASHING
MADE OF SHEET LEAD
PRIME - PRIME FLOOR DRAINS BY CONNECTING PRIMING LINE TO FLUSH
PIPE BELOW FLUSH VALVE ON WATER CLOSETS
WATER HEATER - GENERAL GAS WATER HEATER BOOSTER NO 350
CAPACITY NOT LESS THAN 100 GAL. PER HR. THRU 60° TEMP. RISE
220 GAL. "CODE" HOT WATER STORAGE TANK - MOUNT HORIZONTAL
LIGHT FIXTURES - VAPOR PROOF - CROUSE HINDS NO VC 1188 100 W
P & S NO. 4057 PORCELAIN RECEPTACLE IN STORAGE ROOM
FLOOD LIGHTS - 100 W BENJAMIN NO 5541-8" RLM SYMMETRICAL ANGLE REFLECTOR
WALL SWITCHES - 15 AMP T RATED GALV. WALL PLATES FLUSH TYPE
OUTLETS - 3 WIRE GROUNDING TYPE DUPLEX-BRYANT NO. 5262 FLUSH
GALV WALL PLATES
PLUMBING & WIRING - TO CONFORM TO STATE CODE SPECIFICATIONS
LOCKS - TO BE FURNISHED BY STATE AND INSTALLED BY CONTRACTOR
CORBIN MORTISE DEAD LOCK NO 8011 WITH NO 253½ CYLINDER
CORBIN TUBLAR LATCH SET NO 202-345
LATCHES - STALL DOOR LATCHES TO BE CORBIN NO 0920 2"
2 2"X2" CORBIN BUTT HINGES ON STALL DOORS
LUMBER - TO BE CONSTRUCTION GRADE OR BETTER
PLYWOOD - SHALL BE EXTERIOR TYPE IN ACCORDANCE WITH "COMMERCIAL
STANDARD CS 45-48 FOR DOUGLAS FIR PLYWOOD". GRADE AND
THICKNESS AS SHOWN ON PLANS.
FLASHING - ALL FLASHING OTHER THAN VENTS SHALL BE 12 OZ. SOFT
COPPER.
NAILS - USE GALVANIZED NAILS THROUGHOUT
INTERIOR FINISH - BRUSH PAINT ALL INTERIOR WOOD INCLUDING RAFTERS
ONE COAT SILICONE SEALER - ONE COAT SEMI-GLOSS WHITE ENAMEL
EXTERIOR FINISH - DOORS - SIDES & EDGES SEALED WITH LINSEED OIL
TRIM - BROWN OUTSIDE HOUSE PAINT - 2 BRUSH COATS
WALLS - 2 COATS CABOTS MEDIUM BROWN SHINGLE STAIN
LAUNDRY TRAY - 48" X 24" 2 COMPARTMENT CEMENT WITH STEEL FRAME
STANDARD R 5101 FITTING



SCHEMATIC DIAGRAM OF WATER LINES
NO SCALE

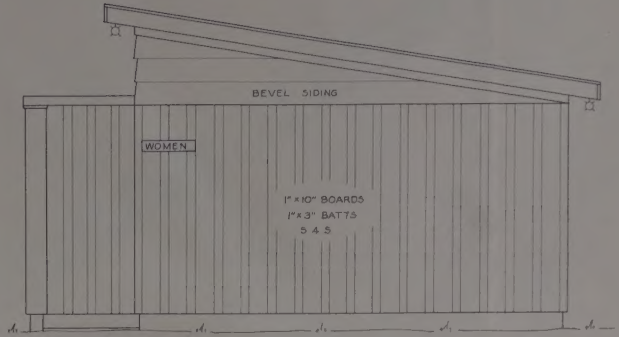
OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

DRAWN BY: JB	STANDARD UTILITY BUILDING	SCALE: AS SHOWN
DESIGNED BY: JB		DATE: 12-12-56
APPROVED BY: CHA	SHEET 3 OF 3	



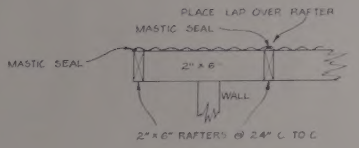
ELEVATION

½" = 1'-0"



END ELEVATION

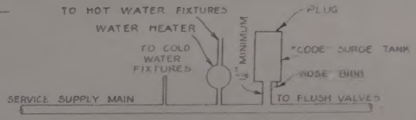
½" = 1'-0"



RAKE

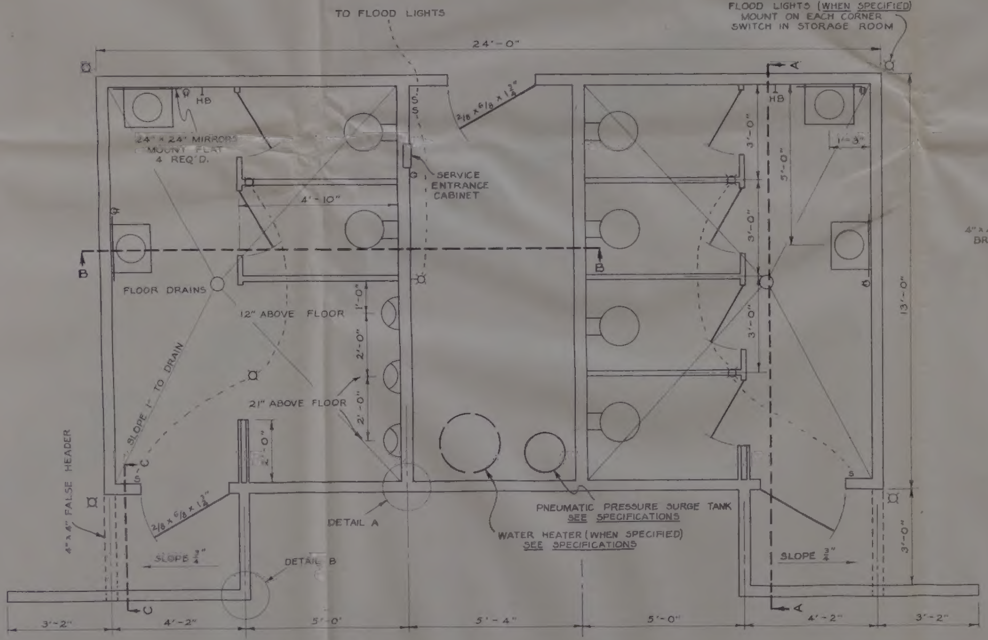
(FOR PLASTIC ROOF ONLY)

1" = 1'-0"



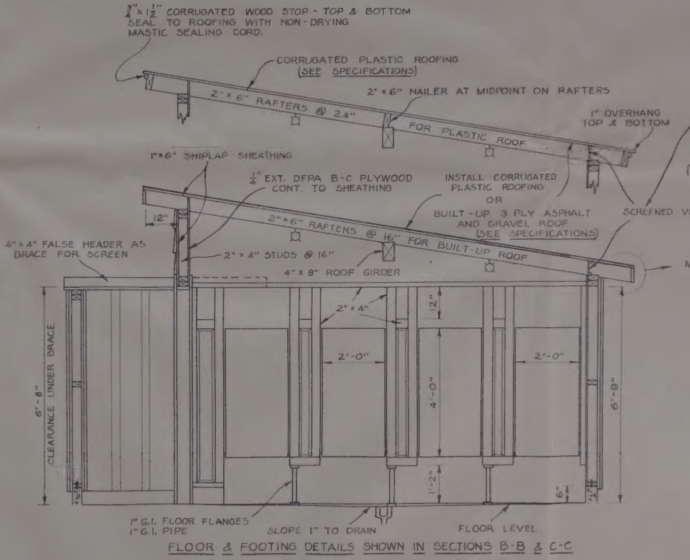
SCHEMATIC DIAGRAM OF WATER LINES

NO SCALE



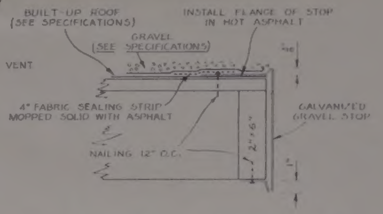
PLAN

½" = 1'-0"



SECTION A-A

½" = 1'-0"



INSTALL TYPE NO. 2 GRAVEL STOP ASSEMBLY FOR WOOD DECKS AS DETAILED IN PIONEER SPECS DATED OCT. 1, 1945.

GRAVEL STOP

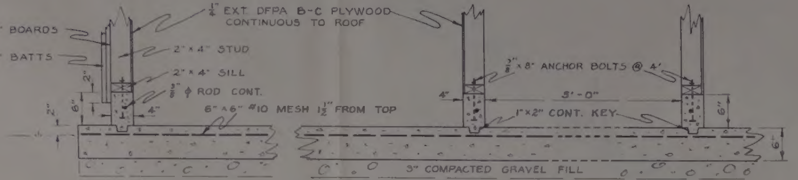
3" = 1'-0"

NOTE ~

Install a shutoff valve and a drain valve in water supply line outside of building, so that entire building may be drained.

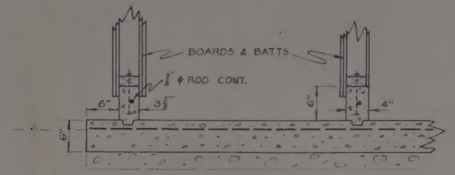
OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

DRAWN BY: JB	STANDARD LATRINE PLAN "C" SHEET 1 OF 2	SCALE: AS SHOWN
DESIGNED BY:		DATE: 1-17-56
APPROVED BY: CHA		REVISED:


1" × 10" BOARDS
1" × 3" BATTS
$\frac{1}{4}$" EXT. DFPA B-C PLYWOOD CONTINUOUS TO ROOF
2" × 4" STUD
2" × 4" SILL
$\frac{3}{8}$" ϕ ROD CONT.
2"
6"
2"
4"
6" × 6" #10 MESH $1\frac{1}{2}$" FROM TOP
$\frac{3}{8}$" × 8" ANCHOR BOLTS @ 4'
4"
5'-0"
1" × 2" CONT. KEY
6"
6"
3" COMPACTED GRAVEL FILL

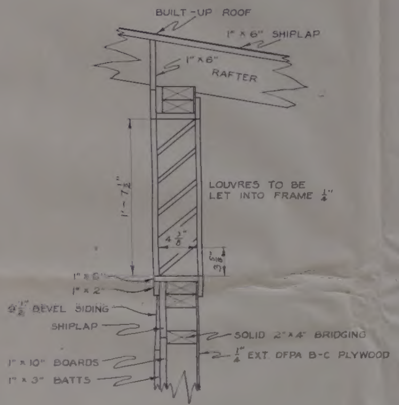
SECTION B-B

1" = 1'-0"



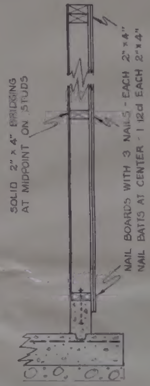
SECTION C-C

1" = 1'-0"



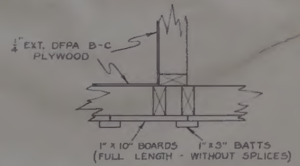
LOUVRE SECTION

$1\frac{1}{2}$" = 1'-0"


SOLID 2" × 4" BRIDGING AT MIDPOINT ON STUDS
NAIL BOARDS WITH 3 NAILS - EACH 2" × 4"
NAIL BATTS AT CENTER - 1 12d EACH 2" × 4"

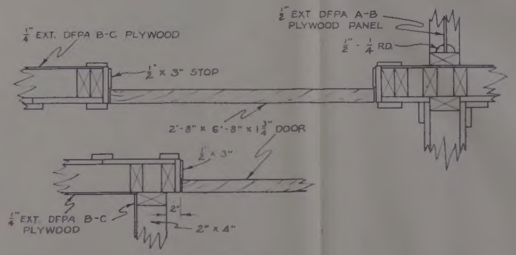
BRIDGING DETAIL

1" = 1'-0"


$\frac{1}{4}$" EXT. DFPA B-C PLYWOOD
1" × 10" BOARDS
1" × 3" BATTS
(FULL LENGTH - WITHOUT SPLICES)

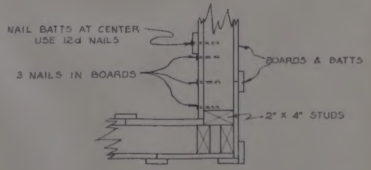
DETAIL A

$1\frac{1}{2}$" = 1'-0"


$\frac{1}{4}$" EXT. DFPA B-C PLYWOOD
$\frac{1}{2}$" × 3" STOP
$\frac{1}{2}$" EXT DFPA A-B PLYWOOD PANEL
$\frac{1}{2}$" - $\frac{1}{4}$ RD.
2'-8" × 6'-8" × $1\frac{3}{4}$" DOOR
$\frac{1}{2}$" × 3"
$\frac{1}{4}$" EXT. DFPA B-C PLYWOOD
2"
2" × 4"

DOOR SECTIONS

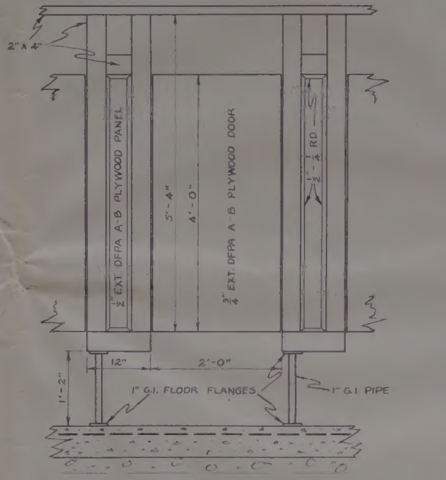
$1\frac{1}{2}$" = 1'-0"



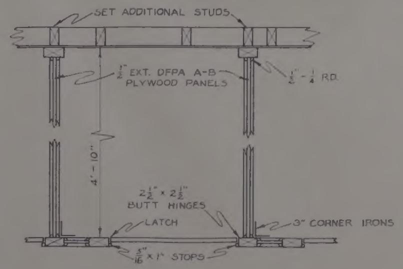
DETAIL B

$1\frac{1}{2}$" = 1'-0"

FRAMING DETAILS


2" × 4"
$\frac{1}{2}$" EXT. DFPA A-B PLYWOOD PANEL
5'-4"
4'-0"
$\frac{3}{4}$" EXT. DFPA A-B PLYWOOD DOOR
$\frac{1}{2}$" - $\frac{1}{4}$ RD.
12"
2'-0"
1'-2"
1" G.I. FLOOR FLANGES
1" G.I. PIPE

ELEVATION


SET ADDITIONAL STUDS
$\frac{1}{2}$" EXT. DFPA A-B PLYWOOD PANELS
$\frac{1}{2}$" - $\frac{1}{4}$ RD.
4'-10"
$2\frac{1}{2}$" × $2\frac{1}{2}$" BUTT HINGES
LATCH
3" CORNER IRONS
$\frac{5}{16}$" × 1" STOPS

PLAN

1" = 1'-0"

STALL

ALL FIXTURES AS SPECIFIED OR AN APPROVED EQUAL

LAVATORIES
CRANE "YORKSHIRE" NO 1-300 18" × 15"
(WHEN WATER HEATER IS SPECIFIED, INSTALL MOEN NO 23-B5C-45 FAUCET)

WATER CLOSETS
STANDARD "MADERA" NO. F-2223-8 WITH CHURCH MOL-TEX WHITE, OPEN FRONT SEAT NO 9500, AND SLOAN FLUSH VALVE WITH VACUUM BREAKER.

URINALS
VALVE TYPE - CRANE "SANTO" NO 7-111-C

WATER HEATER - WHEN SPECIFIED
"FOWLER" 40 GAL. PORCELAIN LINED NO. AFT 40PL, AUTOMATIC ELECTRIC WITH TWO HEATING ELEMENTS OF NOT LESS THAN 1,000 AND 1,500 WATT CAPACITY. TO COMPLY WITH REQUIREMENTS OF STATE OF OREGON'S "BUREAU OF LABOR".

FLOOR DRAINS
ZURN NO. Z-511 3"

TANK
32 GAL. PNEUMATIC PRESSURE SURGE TANK. (CODE)

LIGHT FIXTURES
LOCKING TYPE, PORCELAIN OUTLET
PORCELAIN WALL BRACKET IN STORAGE ROOM
WALL SWITCHES TO BE LOCK TYPE

OUTLETS
3 WIRE GROUNDING TYPE DUPLEX OUTLET

FLOOD LIGHTS - WHEN SPECIFIED
BENJAMIN NO. 5541-8" R.L.M. SYMMETRICAL ANGLE REFLECTOR 100 W

DOORS
2'-8" × 6'-8" × $1\frac{3}{4}$" FLUSH TYPE EXTERIOR NO 731
3 4" × 4" SINGLE BUTT HINGES CORBIN NO. DB 275

LOCKS
CORBIN MORTISE DEAD LOCKS NO. 8011 WITH NO. $253\frac{1}{2}$ CYLINDER. TO BE FURNISHED BY STATE AND INSTALLED BY CONTRACTOR
DB 202-345 TUBLAR LATCH SETS, WITHOUT LOCK DEVICE

LATCHES
STALL DOOR LATCHES TO BE CORBIN NO. CR $595\frac{1}{2}$

INTERIOR FINISH
ONE COAT PRIMER - ONE COAT SEMI-GLOSS WHITE

EXTERIOR FINISH
CABOTS MEDIUM BROWN SHINGLE STAIN — TWO COATS

PLUMBING & WIRING
TO CONFORM TO STATE CODE SPECIFICATIONS

LUMBER
TO BE CONSTRUCTION GRADE OR BETTER.

PLYWOOD
ALL GRADES OF PLYWOOD SPECIFIED ARE IN ACCORDANCE WITH "COMMERCIAL STANDARD CS 45-48 FOR DOUGLAS FIR PLYWOOD", AND ALL CUT EDGES SHALL BE SEALED AS RECOMMENDED IN STANDARD PRACTICE BEFORE ASSEMBLING.

ROOFING
SEE SPECIFICATIONS

NAILS
USE GALVANIZED NAILS THROUGHOUT

VENT FLASHING
SHALL INCLUDE VENT FLASHINGS WITH COUNTER FLASHING MADE OF SHEET LEAD

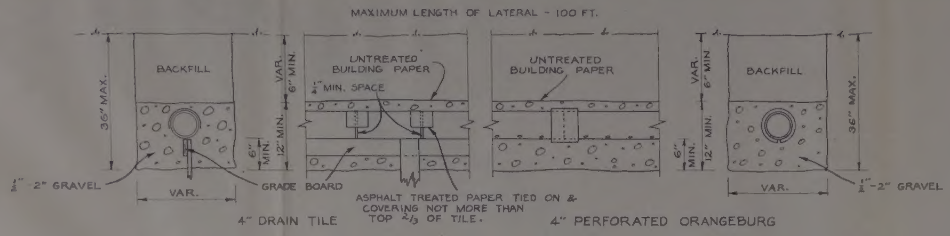
PRIME
PRIME FLOOR DRAINS BY CONNECTING PRIMING LINE TO FLUSH PIPE BELOW FLUSH VALVE ON WATER CLOSETS

PIPE
SEAMLESS COPPER TUBING, TYPE K, MEETING THE SPECIFICATIONS OF THE A.S.T.M. B 88. FITTINGS SHALL BE AN APPROVED SOLDER TYPE.
$\frac{3}{4}$" MINIMUM SIZE AND $\frac{1}{2}$" RISERS. $1\frac{1}{4}$" MINIMUM HEADER TO FLUSH VALVES.

FLASHING
ALL FLASHING OTHER THAN VENTS SHALL BE 12 OZ. SOFT COPPER.

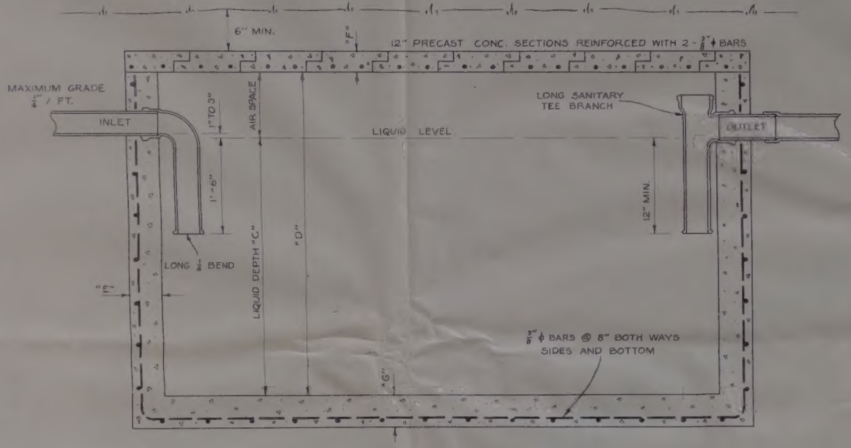
OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

DRAWN BY: JB	STANDARD LATRINE PLAN "C" SHEET 2 OF 2	SCALE: AS SHOWN
DESIGNED BY:		DATE: 1-17-56
APPROVED BY: CHA		REVISED:



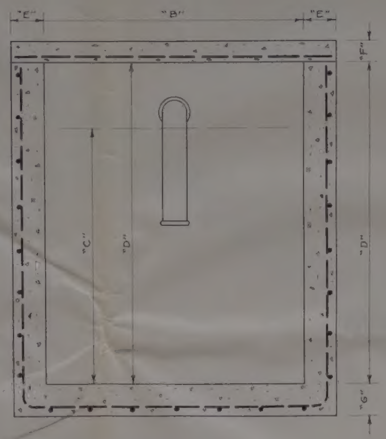
DISPOSAL TRENCH CONSTRUCTION

1" = 1'-0"


6" MIN.
"F"
12" PRECAST CONC. SECTIONS REINFORCED WITH 2 - $\frac{3}{8}$" ϕ BARS
MAXIMUM GRADE $\frac{1}{4}$" / FT.
INLET
1" TO 3"
AIR SPACE
LIQUID LEVEL
LONG SANITARY TEE BRANCH
OUTLET
1'-6"
12" MIN.
LONG $\frac{1}{4}$ BEND
"E"
LIQUID DEPTH "C"
"D"
$\frac{3}{8}$" ϕ BARS @ 8" BOTH WAYS SIDES AND BOTTOM
"G"

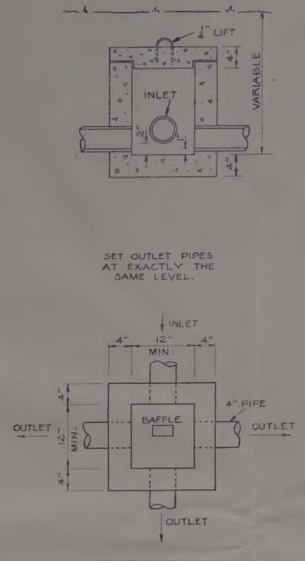
LONGITUDINAL SECTION

NO SCALE



SECTION X-X

NO SCALE



DISTRIBUTION BOX

1" = 1'-0"

SPECIFICATIONS									
NO. OF PERSONS SERVED	GALS. WORKING CAPACITY	LENGTH	WIDTH	LIQUID DEPTH	TOTAL DEPTH	CONCRETE THICK.			CU. YDS. CONC.
						WALLS	TOP	BOTTOM	
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	
50	500	6'-0"	3'-0"	4'-0"	5'-0"	6"	4"	6"	2.71
75	750	7'-3"	3'-6"	4'-0"	5'-0"	6"	4"	6"	3.32
100	1000	8'-6"	4'-0"	4'-0"	5'-0"	6"	4"	6"	3.96
150	1500	10'-0"	4'-6"	4'-6"	5'-6"	8"	5"	6"	6.54
200	2000	11'-0"	5'-0"	5'-0"	6'-3"	8"	5"	6"	8.85
300	3000	13'-6"	6'-0"	5'-0"	6'-3"	9"	5"	6"	11.12

SIZE AND MINIMUM SPACING FOR DISPOSAL TRENCHES			
WIDTH OF TRENCH AT BOTTOM IN INCHES	DEPTH OF TRENCH INCHES	EFFECTIVE ABSORPTION AREA IN SQUARE FEET PER LINEAL FOOT	MINIMUM SPACING OF TILE LINES IN FEET
18	18 TO 30	1.5	6.0
24	16 " 30	2.0	7.5
30	18 " 36	2.5	8.5
36	18 " 36	3.0	9.0

GENERAL NOTES ~

SEE SPECIFICATIONS OR PLOT PLAN FOR SIZE OF SEPTIC TANK, LENGTH & LOCATION OF SEWER LINE AND LENGTH AND WIDTH OF DISPOSAL FIELD LATERALS.

CEMENT & AGGREGATES SHALL BE PROPORTIONED TO OBTAIN A CONCRETE DEVELOPING A COMPRESSIVE STRENGTH OF APPROX. 2500 LBS. PER SQ. INCH IN 28 DAYS (CLASS A).

ALL REINFORCING SHALL BE INTERMEDIATE GRADE DEFORMED BARS.

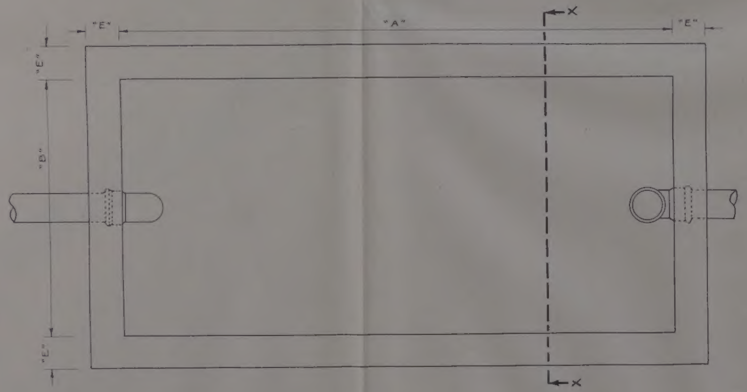
GRAVEL FOR DISPOSAL FIELD SHALL BE CLEAN, WELL GRADED, $\frac{1}{2}$" MINIMUM TO 2" MAXIMUM GRAVEL OR CRUSHED ROCK.

DISPOSAL LINES SHALL BE LAID AS CLOSE TO THE GROUND SURFACE AS IS PRACTICAL BY FOLLOWING THE CONTOUR OF THE GROUND.

MAXIMUM GRADE OF DISPOSAL LINES SHALL BE 6 INCHES PER 100 FEET.

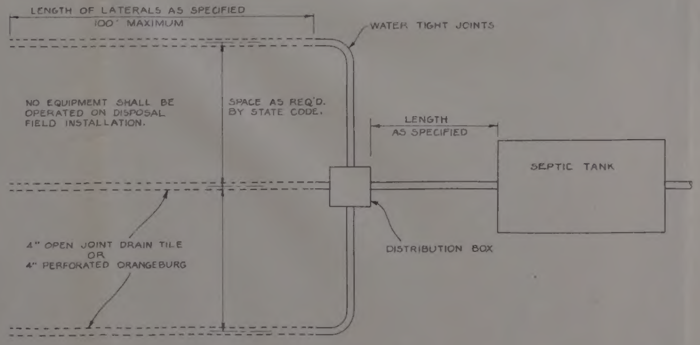
WHEN TILE IS USED, THE TILE SHALL BE LAID ON A GRADE BOARD AND SPACED NOT LESS THAN $\frac{1}{4}$ INCH APART.

PERFORATED ORANGEBURG PIPE SHALL HAVE TWO ROWS OF $\frac{1}{2}$ INCH PERFORATIONS ON 4 INCH CENTERS, 120 DEGREES APART.



PLAN

NO SCALE


LENGTH OF LATERALS AS SPECIFIED
100' MAXIMUM
WATER TIGHT JOINTS
NO EQUIPMENT SHALL BE OPERATED ON DISPOSAL FIELD INSTALLATION.
SPACE AS REQ'D. BY STATE CODE.
LENGTH AS SPECIFIED
SEPTIC TANK
4" OPEN JOINT DRAIN TILE OR 4" PERFORATED ORANGEBURG
DISTRIBUTION BOX

DISPOSAL FIELD PLAN

NO SCALE

OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

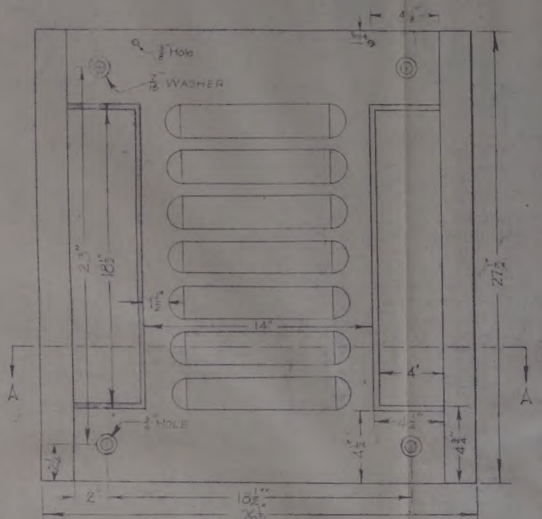
DRAWN BY: JB
DESIGNED BY: LK
APPROVED BY: CHA

STANDARD
SEPTIC TANK
AND
DISPOSAL
TRENCH

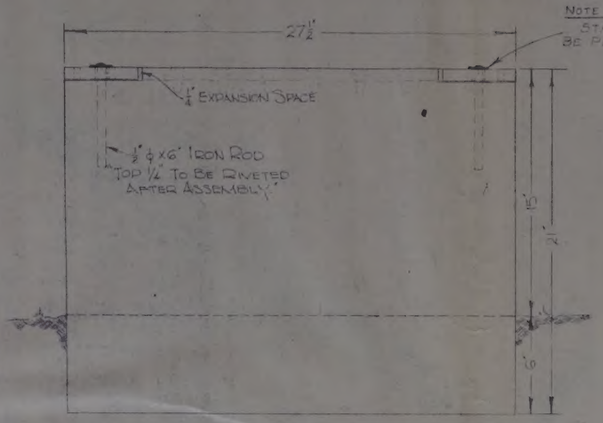
SCALE: AS SHOWN
DATE: 4-26-51
REVISED: 10-1-56

CAMP STOVE

SCALE: 3" = 1'-0"

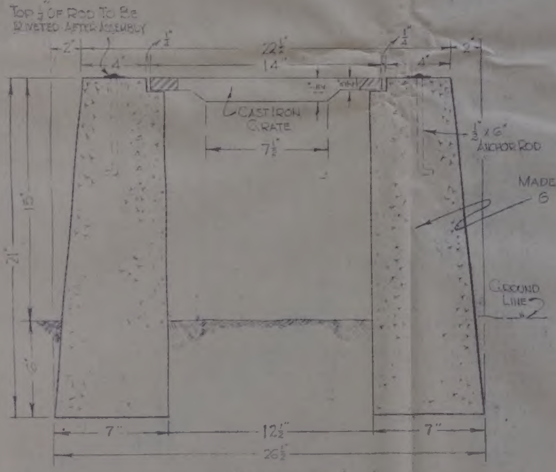


· PLAN ·
(TOP VIEW)

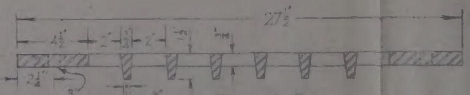


NOTE —
STANDARD 7/16" WASHER TO BE PLACED ON ROD.

· SIDE ELEVATION ·



· SECTION A-A ·

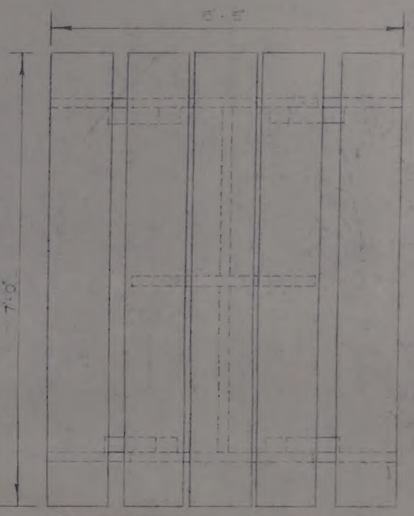


· GRATE DETAIL ·

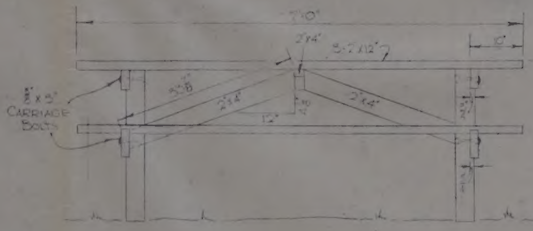
· PICNIC TABLE ·

SCALE: 1" = 1'-0"

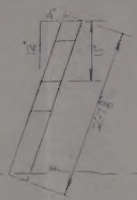
BILL OF MATERIALS				
5	Pcs.	2" x 12"	7'	Long
1	"	4" x 4"	12'	"
1	"	2" x 4"	14'	"
2	"	2" x 6"	6'	"
6		⅜" x 5" Carriage Bolt		
8		⅜" x 6"	"	"
3	Qt.	Green Paint		



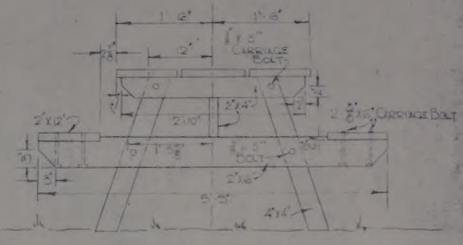
· PLAN ·



· SIDE VIEW ·



LEG DETAIL



· END VIEW ·

NOTE —
PAINT ENTIRE TABLE WITH 3 COATS
OF W. P. FULLER NO. 130 GREEN PAINT.

OREGON STATE PARKS
DEPARTMENT
OF THE
OREGON STATE HIGHWAY COMMISSION

DRAWN BY: FK	STANDARD PICNIC TABLE & CAMP STOVE	SCALE: AS SHOWN
APPROVED BY: CHA		DATE: REVISED: 6/4/52
		4/06/53 11/2/53